

1. Title	Perform risk assessment for air-conditioning and refrigeration projects
2. Code	EMACPM504A
3. Range	Apply a wide range of technical and professional knowledge and skills, and analyze, reformat and evaluate all kinds of information so as to perform risk assessment for air-conditioning and refrigeration projects at project management office.
4. Level	5
5. Credit	12
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of risk assessment for air-conditioning and refrigeration project</p> <ul style="list-style-type: none"> ◆ Understand the concept of engineering project risk assessment, including: <ul style="list-style-type: none"> • Definition of risk • Factors of project risks • Causes of project risks • Characteristics of project risks ◆ Understand the classification of engineering project risks ◆ Understand the meaning of risk assessment ◆ Understand the details of risk assessment for air-conditioning and refrigeration project <p>6.2 Risk assessment methods and procedures for air-conditioning and refrigeration project</p> <ul style="list-style-type: none"> ◆ Identify air-conditioning and refrigeration project risks <ul style="list-style-type: none"> • Determining the source of air-conditioning and refrigeration project risks • Determining the conditions for air-conditioning and refrigeration project risks to occur • Determining the characteristics and impact of the air-conditioning and refrigeration project ◆ Apply risk assessment tools and methods in air-conditioning and refrigeration project risk assessment <p>6.3 Professionalism in risk assessment of air-conditioning and refrigeration project</p> <ul style="list-style-type: none"> ◆ Perform risk assessment for air-conditioning and refrigeration projects according to legal requirements and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply a wide range of technical and professional knowledge and skills, and analyze, reformat and evaluate all kinds of information so as to complete risk assessment tasks for air-conditioning and refrigeration projects.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of air-conditioning and refrigeration project management.